

CLAIMS

1. A method of performing a network transaction in a wireless local area network, comprising:

sending, from a polling station to a polled station, a polling frame;

5 receiving at the polling station, at least one delay frame, the at least one delay frame being transmitted by the polled station;

receiving a subsequent non-delay frame from the polled station at the polling station.

10 2. A method of performing a network transaction as defined in claim 1, wherein sending the polling frame includes sending a data packet.

3. A method of performing a network transaction as defined in claim 2, wherein the first delay frame of the at least one delay frame includes an acknowledgment indicating
15 receipt of the data packet.

4. A method of performing a network transaction as defined in claim 1, wherein receiving the subsequent non-delay frame includes receiving a data packet.

20 5. A method of performing a network transaction as defined in claim 4, further comprising, after receiving the data packet, transmitting an acknowledgment, from the polling station to the polled station, indicating receipt of the data packet.

6. A method of performing a network transaction as defined in claim 1, wherein the method is performed by a mobile terminal.

7 A method of performing a network transaction as defined in claim 1, wherein
5 receiving the first delay frame of the at least one delay frame includes receiving an indication of a number of delay frames to be received by the polling station from the polled station.

8. A method of performing a network transaction as defined in claim 1, wherein further comprising, during an initial call set up transaction receiving at the polling station
10 from the polled station an indication of the number of delay frames to be received by the polling station from the polled station in subsequent transactions.

9. A method of performing a network transaction as defined in claim 1, wherein receiving the subsequent non-delay frame includes receiving a null frame.
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10. A method of performing a network transaction as defined in claim 1, wherein receiving the at least one delay frame includes receiving a media access control address corresponding to the polled station.

11. A method of performing a network transaction in a wireless local area network,
comprising:

receiving, from a polling station at a polled station, a polling frame;

sending to the polling station, at least one delay frame, the at least one delay frame

5 being transmitted by the polled station;

sending a subsequent non-delay frame from the polled station at the polling station.

12. A method of performing a network transaction as defined in claim 11, wherein
receiving the polling frame includes receiving a data packet.

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13. A method of performing a network transaction as defined in claim 12, wherein
the first delay frame of the at least one delay frame includes an acknowledgment indicating
receipt of the data packet.

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14. A method of performing a network transaction as defined in claim 11, wherein
sending the subsequent non-delay frame includes sending a data packet.

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15. A method of performing a network transaction as defined in claim 14, further
comprising, after sending the data packet, receiving an acknowledgment, at the polled
station from the polling station, indicating receipt of the data packet.

16. A method of performing a network transaction as defined in claim 11, wherein
the method is performed by a network access point.

17 A method of performing a network transaction as defined in claim 11, wherein sending the first delay frame of the at least one delay frame includes sending an indication of a number of delay frames to be sent by the polled station to the polling station.

5 18. A method of performing a network transaction as defined in claim 11, further comprising, during an initial call set up transaction sending from the polled station to the polling station an indication of the number of delay frames to be sent by the polled station to the polling station in subsequent transactions.

10 19. A method of performing a network transaction as defined in claim 11, wherein sending the subsequent non-delay frame includes sending a null frame.

20. A method of performing a network transaction as defined in claim 11, wherein sending the at least one delay frame includes sending a media access control address
15 corresponding to the polled station.